# JDI Stereo<sup>™</sup> PASSIVE DIRECT BOX

Order No. R800 1012



The Radial JDI Stereo is a two channel version of the popular Radial JDI – the worlds' finest passive direct box – which is used by Tony Levin (bass), Chick Corea (keys) and Alan Parsons (Engineer). It employs two Jensen high performance transformers that at once lower the impedance and balance the signal to deliver a pristine low-Z mic level signal for the PA system and recorder. Unlike active circuits that are limited by rail voltage, the Jensen transformers are able to withstand huge signal levels and transients without choking. This makes the JDI stereo a terrific choice for high output instruments such as an active bass, digital piano or electronic drums. Transformers also provide maximum isolation to eliminate noise. Made 'Radial tough', the JDI Stereo is well suited for the most demanding applications whether for live touring, broadcast or recording.

#### **Features**

- · Jensen transformers for best performance
- · Ultra low distortion of all types
- Linear from 10Hz ~ 40kHz
- 100% isolation eliminates hum and buzz
- · Built to survive the road

## Benefits

- Able to handle any instrument source
- · High impedance will not load pickups
- · Eliminates noise from stray DC currents
- · Able to handle deep bass without choking

#### Cool Stuff

- · 'Plug-&-play' easy-to-use!
- · No battery or phantom-power required
- · Impossible to overload!
- Up to 8 may be rack-mounted with the J-Rak
- 3 year transferable warranty



-15dB PAD LEFT - Allows super-hot inputs such as from a CD player to be connected.

THRU LEFT & RIGHT - From the JDI Stereo to the amp. High impedance will not load instrument down.

**-15dB PAD RIGHT -** Allows superhot inputs such as from a CD player to be connected.

**INPUTS LEFT & RIGHT** - For unbalanced 1/4" input jacks used to connect instruments to the JDI Stereo.



**XLR OUT -** Balanced  $150\Omega$  miclevel output for runs to 300' without appreciable noise.

-BOOK-END DESIGN - Creates a protective zone around the jacks and switches.

 GROUND LIFT - Disconnects the ground path to the transformer at the XLR output.



## **Main Competition**

The primary competition for the Radial JDI comes from Countryman and BSS. These DI's show significantly more harmonic distortion, are not as linear throughout the audio range and introduce serious phase distortion. Once the sound is distorted, you cannot fix it in the mix!

Specifications	Radial JDI	Countryman	BSS
Harmonic Distortion at 20Hz	0.06%	0.30%	0.70%
Linearity 20Hz ~ 20kHz	+/- 0.2dB	+/- 2.0dB	+/- 1.0dB
Phase distortion at 20Hz	4.3°	19.8°	38.5°



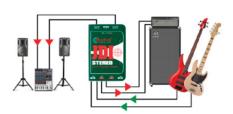
**JENSEN** - Nickel core transformer for distortion-free signal transfer and 100% isolation.

**14-GAUGE STEEL -** Welded I-beam enclosure makes it impossible to torque the PC board. Eliminates cold solder joints.

**MU-METAL SHIELD** - For protection against radio frequency and electromagnet interference.

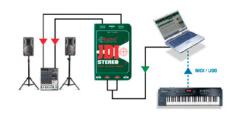
## Two basses connected to amps and PA

The JDI Stereo is perfect for sending the pure bass signal to the PA system. Use the Thru connectors to feed two channels on your amp



## Stereo laptop with controller keyboard

The Jensen equipped JDI Stereo is able to gracefully handle extreme transients from your digital piano, laptop or DJ mixer without choking.



## Two acoustic guitars connected to the PA

The smooth sounding Jensen transformers smooth out the peaks from your acoustic guitar to produce a nice rich, warm tone.



